

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|---|------------------|
| - | 1490 | (717/140-162).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/25 11:55 |
| - | 9 | ((tagged or mark\$3)near3 (byte adj code)) and compil\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 14:05 |
| - | 353 | (tag\$4 or mark\$4) near3 ((byte adj code) or (intermediate adj code) or IR or (intermediate represensation)) and instrument\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 13:55 |
| - | 304 | (persisten\$4 near4 (storage or check\$4 or validat\$4)) and instrument\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 13:59 |
| - | 11358 | optimi\$5 same ((JIT or just-in-time) or (pre adj (compil\$4 or load\$4)) or interpret\$4 or link\$4 or compil\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 14:02 |
| - | 46 | (optimi\$5 same ((JIT or just-in-time) or (pre adj (compil\$4 or load\$4)) or interpret\$4 or link\$4 or compil\$4)) and ((persisten\$4 near4 (storage or check\$4 or validat\$4)) and instrument\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 14:05 |
| - | 17 | ((optimi\$5 same ((JIT or just-in-time) or (pre adj (compil\$4 or load\$4)) or interpret\$4 or link\$4 or compil\$4)) and ((persisten\$4 near4 (storage or check\$4 or validat\$4)) and instrument\$5)) and (@ad<=19990405 or @rlfd<=19990405) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 14:27 |
| - | 7 | ("5551015" "5574873" "5742794" "5758140" "5768593" "5802373" "5842017").PN. | USPAT | 2002/12/30 14:31 |
| - | 205 | (identify\$4 or detect\$4) near4 ((hot or critical or (most adj2 frequently) or marked or tagged) adj3 (section\$1 or sequence\$1 or block\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/31 08:30 |
| - | 36352 | (dynamic\$5 or increment\$4 or (just adj4 time) or (run adj time) or (pre adj (execution or load or link))) near3 (compil\$5 or load\$4 or translat\$4 or interpret\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 15:00 |
| - | 9 | ((pre adj2 load) or (load adj2 time)) near3 ((pre adj compil\$5) or compil\$6) and (byte adj code) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 15:10 |
| - | 0 | ((critical or hot or tagged) adj3 (section\$1 or block\$1 or chunk\$1 or portion\$1)) near3 ((pre adj compil\$5) or compil\$6 or instrument\$5) and (byte adj code) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/30 15:16 |
| - | 1591 | ((critical or hot or tagged) adj3 (section\$1 or block\$1 or chunk\$1 or portion\$1)) and (compil\$6 or instrument\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/31 08:28 |
| - | 2037 | (distributed adj4 (object\$1 or program\$1 or code)) same execut\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/12/31 09:03 |

| | | | | |
|--|------|---|---|------------------|
| | 588 | (identify\$4 or detect\$4 or mark\$4 or select\$4) near4 ((hot or critical or (most adj2 frequently) or marked or tagged) adj3 (section\$1 or sequence\$1 or block\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/30 15:31 |
| | 9137 | ((link\$4 or bind\$4 or execut\$4 or compil\$4) or (persisten\$5 stor\$6)) same ((distributed or download\$4 or transmi\$6) near4 object\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/30 15:36 |
| | 2129 | ((critical or hot or tagged or marked) adj3 (section\$1 or block\$1 or chunk\$1 or portion\$1)) and (compil\$6 or instrument\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 08:22 |
| | 1593 | ((critical or hot or tagged) adj3 (section\$1 or block\$1 or chunk\$1 or portion\$1)) and (compil\$6 or instrument\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 08:28 |
| | 205 | (identify\$4 or detect\$4) near4 ((hot or critical or (most adj2 frequently) or marked or tagged) adj3 (section\$1 or sequence\$1 or block\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 08:30 |
| | 356 | (instrument\$5 near3 ((byte adj code) or IR or (intermediate adj2 representation))) and (mark\$4 or tag\$4 or index\$4 or table\$2 or (hot adj3 (section\$ or block\$1 or portion\$1))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 09:02 |
| | 2049 | (distributed adj4 (object\$1 or program\$1 or code)) same execut\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 09:58 |
| | 3387 | compil\$4 near7 (first or later or subsequent or priorit\$5 or progressiv\$4 or increment\$4 or (load adj time)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 09:06 |
| | 94 | ((trace adj hook\$1) or mark\$4 or instrument\$3 or tag\$4) near3 ((byte or intermediate) adj2 code\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 09:08 |
| | 80 | ((increment\$5 or selecti\$4) adj4 compil\$5) and ((intermediate or byte) adj code) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 09:56 |
| | 17 | 5848274.URPN. | USPAT | 2002/12/31 11:07 |
| | 1 | "5276881".PN. | USPAT | 2002/12/31 13:04 |
| | 6 | ((intermediate or byte or IR) adj2 code) near6 ((partial\$3 or selectiv\$4) near3 compil\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/12/31 13:08 |
| | 3 | 6263491.URPN. | USPAT | 2002/12/31 13:13 |
| | 80 | ((incremental\$4 or progressiv\$4 or subsequent or successiv\$3) near3 compil\$4).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/05/09 11:22 |
| | 42 | (object-oriented near4 (framework or development)) and (byte adj code or byte-code\$1 or (intermediate adj2 code) or IR) and (message near4 (pass\$4 or transmi\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/05/09 13:24 |

| | | | | |
|--|-----|--|---|------------------|
| | 10 | (load\$4 or download\$4 or install\$4 or JIT) near3 ((byte adj code\$1) or (intermediate adj code) or bytecode\$1) same (appliance\$1 or DSP\$1 or ((remote or small) adj device\$1) or microprocessor\$1) ((load\$4 or download\$4 or install\$4 or JIT) near3 ((byte adj code\$1) or (intermediate adj code) or bytecode\$1) same (appliance\$1 or DSP\$1 or ((remote or small) adj device\$1) or microprocessor\$1)) and (@ad<=19990405 or @rlad<=19990405) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 12:19 |
| | 8 | ((load\$4 or download\$4 or install\$4 or JIT) near3 ((byte adj code\$1) or (intermediate adj code) or bytecode\$1) same (appliance\$1 or DSP\$1 or ((remote or small) adj device\$1) or microprocessor\$1)) and (@ad<=19990405 or @rlad<=19990405) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 12:27 |
| | 18 | ((load\$3 near4 time) near8 compil\$5) and ((target or remote or small) adj2 (microprocessor\$1 or device\$1 or appliance\$1 or DSP)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 11:53 |
| | 101 | ((load near4 time) or immediate or dynamic\$4) near3 compil\$5) and ((tag\$4 or mark\$4) near3 (portion\$1 or section\$1 or code)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 13:28 |
| | 23 | (load\$4 or download\$4 or install\$4 or JIT) near3 ((byte adj code\$1) or (intermediate adj code) or bytecode\$1) and (dynamic near5 compil\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 12:21 |
| | 346 | ((thin or restraint\$3 or small or embedded) near2 (platform\$1 or appliance\$1 or device\$1 or microprocessor\$1 or microcontroll\$3 or DSP\$1)) and ((download\$4 or distribut\$5 or load\$4)) same ((code or component\$1 or representation or class\$2 or application\$1) near2 (intermediate or byte or Java)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/25 11:56 |
| | 145 | ((thin or restraint\$3 or small or embedded) near2 (platform\$1 or appliance\$1 or device\$1 or microprocessor\$1 or microcontroll\$3 or DSP\$1)) and ((download\$4 or distribut\$5 or load\$4)) same ((code or component\$1 or representation or class\$2 or application\$1) near2 (intermediate or byte or Java))) and (@ad<=19990405 or @rlad<=19990405) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 12:36 |
| | 3 | ((thin or restraint\$3 or small or embedded) near2 (platform\$1 or appliance\$1 or device\$1 or microprocessor\$1 or microcontroll\$3 or DSP\$1)) and ((download\$4 or distribut\$5 or load\$4)) same ((code or component\$1 or representation or class\$2 or application\$1) near2 (intermediate or byte or Java))) and (@ad<=19990405 or @rlad<=19990405)) and (((load near4 time) or immediate or dynamic\$4) near3 compil\$5) and ((tag\$4 or mark\$4) near3 (portion\$1 or section\$1 or code))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/25 11:57 |
| | 9 | ("5113518" "5127103" "5473777" "5706502" "5748960" "5757021" "5784594" "5828897" "6044469").PN. | USPAT | 2003/05/09 12:31 |
| | 13 | 5987256.URPN. | USPAT | 2003/05/09 13:55 |
| | 1 | ((byte or intermediate) near2 code) and ((tag\$4 or mark\$4) near3 ((portion\$1 or section\$1 or code) same (hot or critical))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 14:22 |
| | 13 | 5987256.URPN. | USPAT | 2003/05/09 14:10 |

| | | | | |
|--|----|---|---|------------------|
| | 39 | (hot or critical) adj2 (section\$1 or path or portion\$1 or code) and ((tag\$4 or mark\$4) near3 (portion\$1 or section\$1 or code or path\$1)) and ((intermediate or byte) adj code\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 14:18 |
| | 38 | ((byte or intermediate) near2 code) and ((hot or critical) adj2 (section\$1 or path or portion\$1 or code) and ((tag\$4 or mark\$4) near3 (portion\$1 or section\$1 or code or path\$1)) and ((intermediate or byte) adj code\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 14:22 |
| | 20 | ("digital information appliance" or DIA or (thin near2 (appliance\$1 or platform\$1 or device\$1))) and ((byte adj code) same ((load\$4 or download\$4 or tag\$4) and compil\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 15:04 |
| | 14 | (thin adj2 (client or platform\$1 or device\$1)) and ((byte adj code\$1) near5 (download\$4 or load\$4 or transmi\$6 or distribut\$4 or tag\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 14:37 |
| | 8 | ((thin adj2 (client or platform\$1 or device\$1)) and ((byte adj code\$1) near5 (download\$4 or load\$4 or transmi\$6 or distribut\$4 or tag\$4))) and (@ad<=19990405 or @rlad<=19990405) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 14:31 |
| | 6 | ((US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295645-\$ or US-6189141-\$ or US-6164841-\$ or US-6029000-\$ or US-6044220-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5265254-\$ or US-5201050-\$ or US-5182806-\$ or US-6330556-\$ or US-6209018-\$ or US-6119115-\$ or US-6256637-\$ or US-6161219-\$ or US-5848274-\$).did. or (US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6263344-\$ or US-6151703-\$ or US-5987256-\$ or US-6219787-\$ or US-6499137-\$ or US-5586020-\$ or US-6324688-\$ or US-6338068-\$).did. or (US-20020073405-\$ or US-20020099634-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.) and ((byte or intermediate) near code\$1) and (precompil\$4 or JIT or (dynamic same compil\$5)) and ((small or restraint or micro or thin or embedded) near3 (device\$1 or microprocess\$4 or platform\$1 or machine\$1 or computer\$1 or DSP)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/05/09 15:00 |
| | 3 | 6311165.URPN. | USPAT | 2003/05/09 15:06 |
| | 0 | (tag\$5 adj (byte adj code)) and (distribut\$5 same ((remote or wireless) adj4 device)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 12:12 |
| | 0 | (tag\$5 adj2 (byte adj code)) and (distribut\$5 same ((remote or wireless) adj4 device)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 12:12 |
| | 0 | ((pre-compil\$5 or mark\$4) adj (byte adj code)) and (distribut\$5 same ((remote or wireless) adj4 device)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 12:12 |

| | | | | |
|--|----|--|---|------------------|
| | 44 | ((distribut\$5 same (byte adj code)) and ((remote or wireless) adj4 device)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/21 12:13 |
| | 10 | ((distribut\$5 same (byte adj code)) and ((remote or wireless) adj4 device)) and compil\$4 and (@ad<=19990405 or @rlad<=19990405)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/21 12:14 |
| | 22 | "International Business".as. and JIT and 717/\$ and compil\$4.ab.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/25 13:01 |
| | 12 | ("International Business".as. and JIT and 717/\$ and compil\$4.ab.) and (@ad<=19990405 or @rlad<=19990405)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/25 11:57 |
| | 2 | 6305012.URPN. | USPAT | 2003/11/25 12:26 |
| | 5 | ("5815718" "5937193" "6055526" "6092120" "6139199").PN. | USPAT | 2003/11/25 12:27 |
| | 12 | ("International Business".as. and JIT and compil\$4.ab.) not ((("International Business".as. and JIT and 717/\$ and compil\$4.ab.) and (@ad<=19990405 or @rlad<=19990405)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/25 13:06 |
| | 3 | ((tagged.ti. or tag\$5.ab.) and JIT and compil\$4.ab.) not ((("International Business".as. and JIT and 717/\$ and compil\$4.ab.) and (@ad<=19990405 or @rlad<=19990405)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/25 13:39 |
| | 11 | (tag\$4 same (select\$6 near3 compil\$5)) and ((byte adj code) or JIT) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/26 08:16 |
| | 3 | ((tag\$4 same (select\$6 near3 compil\$5)) and ((byte adj code) or JIT)) not ((("International Business".as. and JIT and 717/\$ and compil\$4.ab.) and (@ad<=19990405 or @rlad<=19990405)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/25 13:39 |
| | 11 | (tag\$4 same (select\$6 near3 compil\$5)) and ((byte adj code) or JIT) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/26 08:21 |
| | 24 | ((optimi\$6 or selective or increment\$5) near2 compil\$5) and ((byte adj code) or JIT) and ("scripting language" or script) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/26 08:22 |

| | | | | |
|--|----|---|---|---------------------|
| | 15 | <p>((US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5848274-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-6615166-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.</p> | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/26 09:42 |
| | 58 | <p>(US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5848274-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-6615166-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.</p> | USPAT; US-PGPUB; DERWENT | 2003/11/26 09:42 |

| | | | | |
|--|---|---|---|------------------|
| | 6 | (((US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5848274-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-2001042172-\$ or US-6295641-\$).did.) and script\$5) and script\$5 and (optimiz\$4 same compil\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/26 10:42 |
| | 3 | (((US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5848274-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-2001042172-\$ or US-6295641-\$).did.) and thin | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/26 10:42 |

| | | | | |
|--|----|--|--|---------------------|
| | 58 | (US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5848274-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-6615166-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.) and (multi-threaded or (thread adj2 safe) or multithreaded) and (JVM or JIT) | USPAT; US-PPGPUB; DERWENT | 2003/11/26 13:50 |
| | 5 | (US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5848274-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-6615166-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.) and (multi-threaded or (thread adj2 safe) or multithreaded) and (JVM or JIT) | USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/26 14:04 |

| | | | | |
|--|----|---|---|------------------|
| | 1 | ((US-6499137-\$ or US-5768593-\$ or US-5586330-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-6263344-\$ or US-6161219-\$ or US-6631515-\$ or US-6637025-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6330556-\$).did. or (US-6209018-\$ or US-6119115-\$ or US-6189141-\$ or US-6164841-\$ or US-6044220-\$ or US-6256637-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5586328-\$ or US-5491821-\$ or US-4656582-\$ or US-6308320-\$ or US-6186677-\$ or US-6112025-\$ or US-5898872-\$ or US-5815720-\$ or US-5625822-\$ or US-5586328-\$ or US-5491821-\$ or US-5265254-\$ or US-5230050-\$ or US-5182806-\$ or US-6151703-\$ or US-5265254-\$ or US-5201050-\$ or US-5586020-\$ or US-6654954-\$ or US-6629081-\$ or US-6560774-\$ or US-6374402-\$ or US-6473794-\$).did. or (US-6615166-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.) and ((byte-code or bytecode) near7 conform\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/26 14:04 |
| | 58 | (US-6499137-\$ or US-5768593-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-5586330-\$ or US-6263344-\$ or US-6161219-\$ or US-6637025-\$ or US-6631515-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6654954-\$).did. or (US-6629081-\$ or US-6615166-\$ or US-6560774-\$ or US-6473794-\$ or US-6374402-\$ or US-6151703-\$ or US-6330556-\$ or US-6308320-\$ or US-6256637-\$ or US-6209018-\$ or US-6189141-\$ or US-6186677-\$ or US-6164841-\$ or US-6119115-\$ or US-6112025-\$ or US-6044220-\$ or US-5898872-\$ or US-5848274-\$ or US-5815720-\$ or US-5625822-\$ or US-5586328-\$ or US-5586020-\$ or US-5491821-\$ or US-5265254-\$ or US-5230050-\$ or US-5201050-\$ or US-5182806-\$).did. or (US-4656582-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did. | USPAT; US-PGPUB; DERWENT | 2003/12/01 10:14 |

| | | | | |
|--|------|--|---|------------------|
| | 20 | ((US-6499137-\$ or US-5768593-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-5586330-\$ or US-6263344-\$ or US-6161219-\$ or US-6637025-\$ or US-6631515-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6654954-\$).did. or (US-6629081-\$ or US-6615166-\$ or US-6560774-\$ or US-6473794-\$ or US-6374402-\$ or US-6151703-\$ or US-6330556-\$ or US-6308320-\$ or US-6256637-\$ or US-6209018-\$ or US-6189141-\$ or US-6186677-\$ or US-6164841-\$ or US-6119115-\$ or US-6112025-\$ or US-6044220-\$ or US-5898872-\$ or US-5848274-\$ or US-5815720-\$ or US-5625822-\$ or US-5586328-\$ or US-5586020-\$ or US-5491821-\$ or US-5265254-\$ or US-5230050-\$ or US-5201050-\$ or US-5182806-\$).did. or (US-4656582-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.) and (interpret\$4 and JIT) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/01 11:48 |
| | 4 | ((US-6499137-\$ or US-5768593-\$ or US-6429860-\$ or US-6327702-\$ or US-6324685-\$ or US-6295642-\$ or US-6338068-\$ or US-6295645-\$ or US-6219787-\$ or US-6029000-\$ or US-6324688-\$ or US-6311165-\$ or US-5987256-\$ or US-5586330-\$ or US-6263344-\$ or US-6161219-\$ or US-6637025-\$ or US-6631515-\$ or US-6530075-\$ or US-6336213-\$ or US-6305012-\$ or US-6295641-\$ or US-6118940-\$ or US-6092120-\$ or US-6158048-\$ or US-6654954-\$).did. or (US-6629081-\$ or US-6615166-\$ or US-6560774-\$ or US-6473794-\$ or US-6374402-\$ or US-6151703-\$ or US-6330556-\$ or US-6308320-\$ or US-6256637-\$ or US-6209018-\$ or US-6189141-\$ or US-6186677-\$ or US-6164841-\$ or US-6119115-\$ or US-6112025-\$ or US-6044220-\$ or US-5898872-\$ or US-5848274-\$ or US-5815720-\$ or US-5625822-\$ or US-5586328-\$ or US-5586020-\$ or US-5491821-\$ or US-5265254-\$ or US-5230050-\$ or US-5201050-\$ or US-5182806-\$).did. or (US-4656582-\$).did. or (US-20020099634-\$ or US-20020073405-\$).did. or (US-20010042172-\$ or US-6295641-\$).did.) and (interpret\$4 and JIT) and (multi-threaded or multithreaded) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/12/01 11:49 |
| | 9691 | ((707/2,8,102,103Y,104.1) or (709/105,247,331) or (705/21,30,35)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 08:57 |

| | | | | |
|--|---|---|---|---------------------|
| | 0 | ((707/2,8,102,103Y,104.1) or (709/105,247,331) or (705/21,30,35)).CCLS.) and bytecode and JIT and "message bus" and (request near3 (sen\$2 or recei\$4)) and ((interface and implement\$6 and dynamic\$6) adj3 object) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/07/21 08:59 |
|--|---|---|---|---------------------|